



Rockwell
International

86-RF-1457

5-8-86

Albert E. Whiteman
Area Manager
DOE RFAO



000024437

ROCKY FLATS PLANT POLLUTION ABATEMENT PROJECTS

This information is for the attention of G. S. Lietz, J. B. Whitsett
and P. G. Currier as requested by DOE, AL telecommunication messages
received April 24, 1986 and May 2, 1986.

Enclosed are sixteen pollution abatement reports for projects
completed, currently active, partially or fully funded, or in the
process of DOE funding review. Please note that the projects have a
numbering system which is required by the United States Environmental
Protection Agency. For ease in future reference, a summary list of
these projects is enclosed. As instructed, the enclosed computer
printouts are marked in red to indicate corrections.

George W. Campbell
George W. Campbell
Assistant Director
Health, Safety and Environment

Orig. and 4cc - A. E. Whiteman
enc.

Note = DOE, AL Instructions are attached
to this document

CAMPBELL, G.W.	
CARNIVAL, G.J.	
CHANDIA, R.N.	
FREIBERG, K.J.	
HARMAN, L.K.	
HEBERT, J.L.	
HOEY, J.B.	
HOFFMAN, R.B.	
KRIEG, D.M.	
LM, B.W.	XX
LOUDENBURG, G.E.	
VELASQUEZ, R.N.	
CORRES CONTROL	X X
CASHINS, R.D.	XX
VERBINDER, D.A.	XX
CLAMANN, P.L.	XX
YUMPA, E.R.	XX
OTTER, G.L.	XX
SETLER, G.H.	XX
SMITH, L.C.	XX

CLASSIFICATION
UNCLASSIFIED
CONFIDENTIAL
SECRET
DATE 5-8-86
IN REPLY TO LTR NO
6-RF-0859
TR. APPROVALS

ADMIN RECORD
SW-A-003939

POLLUTION ABATEMENT PROJECTS
EPA FORM 3500-7
May 5, 1986

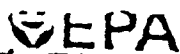
EPA COMPUTER SYSTEM	PROJECT NUMBER	PROJECT TITLE	COMMENTS
No	1ALRFP001	Groundwater Quality Assessment Program	This project received new funding for well construction during 1986. The forms should be sent to the EPA.
Yes	1ALRFP002	Atmospheric Dispersion Model Verification	This project was submitted in 1985. Progress is dependent on a funding proposal submitted to DOE in February, 1986.
No	1ALRFP003	Underground Piping and Tank Removal	This project is now coded 6 as it is discontinued due to lack of funding support. It was <u>not</u> submitted to DOE, HQ in 1985.
No	1ALRFP004	Series A and B Pond Reclamation	This project is now coded 6 as it is discontinued due to lack of funding support. It was <u>not</u> submitted to DOE, HQ in 1985.
No	1ALRFP005	Rocky Flats Plant RCRA Part B Application	This project is now coded 5 (completed). The original RCRA applications were completed in 1985.
No	1ALRFP006	Solar Pond 207A Sludge Removal	This project <u>should</u> be submitted to the EPA. The State and EPA consider this a high priority project.
No	1ALRFP007	Ambient Air Particulate Sampling System	This project is now planned for work in FY89.

POLLUTION ABATEMENT PROJECTS (continued)

EPA COMPUTER SYSTEM	PROJECT NUMBER	PROJECT TITLE	COMMENTS
No	1ALRFP008	Reservoir Sediment Study	This project was completed in 1985. No further action is required. The form is enclosed for record purposes only.
Yes	1ALRFP009	Sanitary Sewer System Upgrade	This project is completed. It is coded 5. This form <u>must</u> be submitted to the EPA in order to be deleted from the computer system.
Yes	1ALRFP010	Candidate Mixed Waste Storage Tank System	The project start year has been revised. The project is funded and construction will start in FY86.
Yes	1ALRFP011	Stack Sampling Equipment	The project start year has been revised to FY87.
Yes	1ALRFP012	RCRA Implementation and Compliance	The project cost for FY86 has been revised due to DOE, RFAO commitments on 18 tasks being jointly defined by DOE, the State and EPA. These tasks cover the technical compliance portion of a RCRA-enforceable agreement currently being prepared.

POLLUTION ABATEMENT PROJECTS (continued)

EPA COMPUTER SYSTEM	PROJECT NUMBER	PROJECT TITLE	COMMENTS
Yes	1ALRFP013	RCRA Part B Permit Modification	This project is coded 6 for deletion from the EPA computer system. The project is now being continued as 1ALRFP012. This form <u>must</u> be submitted to EPA for deletion.
Yes	1ALRFP014	VOC Groundwater Site Study	This project is being completed in FY86. It is coded 5. Groundwater project funding is continued in project 1ALRFP001. This form <u>must</u> be submitted to the EPA for deletion.
Yes	1ALRFP015	Building 774 Organic Immobilization System	This project is being completed in FY86. It is coded 5. This form <u>must</u> be submitted to the EPA for deletion.
New	1ALRFP016	Evaporator Product Water Tank	This is a new project which is required for control of a potential RCRA radioactive mixed waste. The project is funded and scheduled for construction this fiscal year.



Federal Agency Pollution Abatement Plan — Project Report

I Facility Information

1 State Abn	2 Agency/Bureau	3 GSA Installation	4 EPA Region	5 Country
1010	8900	11015216	08	U.S.A.

6 Web Facility <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7 Name of the Installation
	USDOE ROCKY FLATS PILLANT

8 Street Address
NO NE

9 City Name	10 ZIP Code if known	11 Ownership
GOLDEN	80402-0464	IFC

II Basic Project Information

1 Agency Project Number	2 Various Locations	3 Media	4 Pollutant Category	5 Funding Account	6 Year Funding Required
1AIRIP0011	NO	SW	HIAZID	unknown	86

7 Project Name (brief description)
GROUNDWATER QUALITY ASSESSMENT PROGRAM

8 Project Contact Name	9 Contact Telephone	10 Total Cost Estimate in \$1,000's
		569.10

11 Project Assessment	12 Compliance Status
<input checked="" type="checkbox"/> High (H) Project local to Agency program and/or cleanup of local environment <input type="checkbox"/> Med (M) Project important to Agency program and/or cleanup of local environment <input type="checkbox"/> Low (L) Project desirable to Agency program and/or cleanup of local environment	<input checked="" type="checkbox"/> ESOP Does not meet established standards and compliance deadline has passed <input type="checkbox"/> ESOP Does not meet established standards and compliance deadline is in the future <input type="checkbox"/> ESOP Does not meet pending standards and compliance deadline is in the future <input type="checkbox"/> ESOP Meets established standards but needs replacement due to obsolescence <input type="checkbox"/> ESOP Meets established standards but needs replacement due to need for expansion <input type="checkbox"/> ESOP Meets established standard but needs to demonstrate leadership <input type="checkbox"/> OTHER Other

13 Project Cost		14 Project Milestones Progress. All dates are month/year	
Fiscal Year	Suggested (\$1,000's)	Design/Plan Completion	Construction Work
86	569.10	86	Start Completion
		Final Compliance Required	Progress Code Fiscal Year Completed
		86	3 86
		For DOE Only	
		Program ID	Field Office

Project Narrative including description of legal requirement and pollutants to be controlled:

This project will provide technical consulting and expert review of the existing RFP groundwater monitoring and quality assessment program. Recommendations will be made to upgrade and/or expand the program to adequately meet the technical requirements of DOE Order 5480.2 which states that procedures will follow to the extent practicable regulations issued by the EPA pursuant to the RCRA Act.



Federal Agency Pollution Abatement Plan — Project Report

I Facility Information

1 State Alpha 1C101	2 Agency/Bureau 8900	3 GSA Installation 1101526	4 EPA Region 08	5 Country U.S.A.
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6 New Facility <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7 Name of the installation USDOE/ROCKY FLATS PLANT
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8 Street Address NORIE

9 City Name GOLDEN	10 ZIP Code if known 80402-0464	11 Ownership FIC
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II Basic Project Information

1 Agency Project Number 1ALRIFP002	2 Various Locations NO	3 Media A	4 Pollutant Category RADIN	5 Funding Account unknown	6 Year Funding Required 185
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7 Project Name (brief description) ATMOSPHERIC DISPERSION MODEL VERIFICATION

8 Project Contact Name DO HORNBAKER	9 Contact Telephone 303-966-7006	10 Total Cost Estimate in \$1,000's 1510.10
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11 Project Assessment <input type="checkbox"/> High (H) Project is critical Agency program and/or cleanup of local environment <input checked="" type="checkbox"/> Med (M) Project important to Agency program and/or cleanup of local environment <input type="checkbox"/> Low (L) Project desirable to Agency program and/or cleanup of local environment	12 Compliance Status <input type="checkbox"/> ESOP Does not meet established standards and compliance deadline has passed <input checked="" type="checkbox"/> ESOP Does not meet established standards and compliance deadline is in the future <input type="checkbox"/> ESOP Does not meet pending standards and compliance deadline is in the future <input type="checkbox"/> ESRO Meets established standards but needs replacement due to obsolescence <input type="checkbox"/> ESRE Meets established standards but needs replacement due to need for expansion <input type="checkbox"/> ESOL Meets established standard but needs to demonstrate leadership <input type="checkbox"/> OTHER Other
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13 Project Cost			14 Project Milestones Progress. All dates are month/year		
Fiscal Year	Suggested (\$1,000)	Funded (\$1,000)	Design Plan Completion	Construction Work	
				Start	Completion
85	60.10	60.10	86	85	01010
86	200.10	0.10	Final Compliance Required	Progress Code	Fiscal Year Completed
87	250.10	0.10	87	4	-
			For DOE Only		
			Program ID	Field Office	

Project Narrative (including description of legal requirement and penalties to be controlled)

An atmospheric dispersion model has been developed with which the Rocky Flats Plant will evaluate environmental impacts of radiological atmospheric emissions. This project is validating the model for complex terrain conditions existing near the facility. Tracer releases are being compared with predictions to determine model applicability at Rocky Flats. A valid site-specific dispersion model will be required to meet US EPA emission standards for radionuclides.



Federal Agency Pollution Abatement Plan — Project Report

I. Facility Information

1 State Alpha C I O I	2 Agency/Bureau 8 9 0 0	3 CSA Installation 1 1 0 5 2 6	4 EPA Region 0 8	5 Country U S A
6 New Facility <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7 Name of the Installation U S D O E R O C K Y F I L A T S P L A N T			
8 Street Address N O N E				
9 City Name G I L D E N			10 ZIP Code if known 8 0 4 0 2 - 0 4 6 4	
11 Ownership F I C				

II. Basic Project Information

1 Agency Project Number 1 A I L R I F I P 0 0 3	2 Various Locations N O	3 Media S F	4 Pollutant Category R I A D I N	5 Funding Account u n k n o w n	6 Year Funding Required 8 8
7 Project Name (Brief description) U N D E R G R O U N D P I P I N G A N D T A N K R E M O V A L					
8 Project Contact Name D D H O R N B A C H E R		9 Contact Telephone 3 0 3 - 9 6 6 - 7 0 0 6		10 Total Cost Estimate (in \$1,000's) 3 2 2 0 0 . 1 0	
11 Project Assessment <input type="checkbox"/> High (H) Project critical to Agency program and/or cleanup of local environment <input checked="" type="checkbox"/> Med (M) Project important to Agency program and/or cleanup of local environment <input type="checkbox"/> Low (L) Project desirable to Agency program and/or cleanup of local environment			12 Compliance Status <input type="checkbox"/> ESOP Does not meet established standards and compliance deadline has passed <input type="checkbox"/> ESOP Does not meet established standards and compliance deadline is in the future <input checked="" type="checkbox"/> PSOP Does not meet pending standards and compliance deadline is in the future <input type="checkbox"/> ESOP Meets established standards but needs replacement due to obsolescence <input type="checkbox"/> ESOP Meets established standards but needs replacement due to need for expansion <input type="checkbox"/> ESOP Meets established standard but needs to demonstrate leadership <input type="checkbox"/> OTHER Other		
13 Project Cost			14 Project Milestones Progress. All dates are month/year		
Fiscal Year	Suggested (\$1,000)	Funded (\$1,000)	Design-Plan Completion	Construction Work	
				Start	Completion
8 8	3 2 2 0 0 . 1 0	0 . 0	8 6	0 0 0 0	0 0 0 0
			Final Compliance Required	Progress Code	Fiscal Year Completed
			7 1	6	- - -
			For DOE Only		
			Program ID	Field Office	

Project Narrative (including description of legal requirement and pollutants to be controlled)

This project is to remove and decontaminate abandoned underground pipe and tanks previously used to contain and transport radioactive mixed hazardous wastes. This will eliminate the high probability of groundwater contamination and potential CERCLA sites. The Rocky Flats Plant may be listed on The National Priorities list in December, 1985.



Federal Agency Pollution Abatement Plan — Project Report

I Facility Information

1 Site Alpha 1C 101	2 Agency/Bureau 8 9 0 0	3 GSA Installation 1 10 15 2 16	4 EPA Region 0 8	5 Country U S A
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6 New Facility <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7 Name of the Installation ULSD DE RDCRY FILAITS PLANT
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8 Street Address N O N E

9 City Name GCLDEN	10 ZIP Code if known 8 0 4 0 2 - 0 4 6 4	11 Zip Extension FIC
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II Basic Project Information

1 Agency Project Number 1 A I L I R I F I P 0 0 4	2 Various Locations N O	3 Media A	4 Pollutant Category R I A D I N	5 Funding Account unknown	6 Year Funding Required 8 8
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7 Project Name (Brief description) SERIES A AND B POND RECLAMATION

8 Project Contact Name D D HORNBLACHER	9 Contact Telephone 3 0 3 - 9 6 6 - 7 0 0 6	10 Total Cost Estimate in \$1,000's 3 9 9 0 0 0
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11 Project Assessment <input type="checkbox"/> High (H) Project critical to Agency program and/or cleanup of local environment <input checked="" type="checkbox"/> Med (M) Project important to Agency program and/or cleanup of local environment <input type="checkbox"/> Low (L) Project desirable to Agency program and/or cleanup of local environment	12 Compliance Status <input type="checkbox"/> ESOP Does not meet established standards and compliance deadline has passed <input type="checkbox"/> ESOP Does not meet established standards and compliance deadline is in the future <input checked="" type="checkbox"/> PSOP Does not meet pending standards and compliance deadline is in the future <input type="checkbox"/> ESOP Meets established standards but needs replacement due to obsolescence <input type="checkbox"/> ESOP Meets established standards but needs replacement due to need for expansion <input type="checkbox"/> ESOP Meets established standard but needs to demonstrate leadership <input type="checkbox"/> OTHER Other
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13 Project Cost			14 Project Milestones Progress. All dates are month/year		
Fiscal Year	Suggested (\$1,000)	Funded (\$1,000)	Design/Plan Completion	Construction Work	
8 8	3 9 9 0 0 0	0 0 0	8 16	Start	Completion
			Final Compliance Required	Progress Code	Fiscal Year Completed
			1 2 1	6	- - - -
			For DOE Only		
			Program ID	Field Office	

Project Narrative (including description of legal requirement and solutions to be considered)

The purpose of this project is to remove a thirty year accumulation of plutonium, americium and possible other hazardous substances deposited in the A and B series ponds due to past plant water control practices. This project may be a CERCLA required activity. The Rocky Flats Plant may be listed on the National Priorities List in December, 1985.



Federal Agency Pollution Abatement Plan — Project Report

I Facility Information

1 State Abn	2 Agency/Bureau	3 CSA Installation	4 EPA Region	5 Country
1 C 0 1	8 9 0 0	1 1 0 5 2 6	0 8	U S A
6 New Facility <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7 Name of the Installation U S D O E R O C K Y F L A T S P L A N T			

8 Street Address N O N E		10 ZIP Code if known 8 0 4 0 2 - 0 4 6 4	11 Ownership F C
9 City Name G O L D E N			

II Basic Project Information

1 Agency Project Number 1 A I L I R F I P 0 0 5	2 Various Locations N O	3 Media S W	4 Pollutant Category H I A Z I D	5 Funding Account u n k n o w n	6 Year Funding Required 8 5
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7 Project Name (if not categorical) R O C K Y F L A T S P L A N T R C R A P A R T B A P P L I C A T I O N
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8 Project Contact Name D D H O R N B A C H E R	9 Contact Telephone 3 0 3 - 9 6 6 - 7 0 0 6	10 Total Cost Estimate in \$1,000's 1 1 9 6 . 1 0
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11 Project Assessment <input checked="" type="checkbox"/> High (H) Project is a significant Agency program and/or cleanup of local environment <input type="checkbox"/> Med (M) Project is a significant Agency program and/or cleanup of local environment <input type="checkbox"/> Low (L) Project is a significant Agency program and/or cleanup of local environment	12 Compliance Status <input type="checkbox"/> ESOP Does not meet established standards and compliance deadline has passed <input type="checkbox"/> ESOP Does not meet established standards and compliance deadline is in the future <input type="checkbox"/> ESOP Does not meet pending standards and compliance deadline is in the future <input checked="" type="checkbox"/> ESRO Meets established standards but needs replacement due to obsolescence <input type="checkbox"/> ESRE Meets established standards but needs replacement due to need for expansion <input type="checkbox"/> ESOL Meets established standard but needs to demonstrate leadership <input type="checkbox"/> OTHER Other
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13 Project Cost			14 Project Milestones Progress. All dates are month/year		
Fiscal Year	Suggested (\$1,000)	Funded (\$1,000)	Design-Plan Completion	Construction Work	
				Start	Completion
8 5	7 9 . 1 0	7 9 . 0	8 5	8 5	8 6
8 6	1 1 7 . 1 0	1 1 7 . 0	Final Compliance Required	Progress Code	Fiscal Year Completed
			8 6	5	8 6
			For DOE Only		
			Program ID	Field Office	

Project Narrative (including description of legal requirement and comments to be considered)

The Rocky Flats Plant conducts certain operations that generate hazardous and mixed wastes as defined by the Resource Conservation/Storage/Disposal Facility, the plant is required under RCRA to complete a Part B Application. This project is to obtain the services of an experienced consulting engineering firm to assist in the preparation of a Part B Application. The State of Colorado requires that the application be submitted by November 1, 1985 for RCRA regulated wastes. Radioactive mixed waste application is due to the EPA on November 8, 1985.

1 Facility Information									
1 State Abbrev		2 Agency/Bureau		3 CSA Installation		4 EPA Region		5 Country	
C 10		8 9 0 0		1 1 0 5 2 6		0 8		U S A	
6 New Facility <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		7 Name of the Installation U S D O E : R O C K Y : F L A T S P L A N T							
8 Street Address N O N E									
9 City Name G O L D E N					10 ZIP Code (known)			11 Ownership F I C	
80402-0464									
11 Basic Project Information									
1 Agency Project Number			2 Various Locations		3 Media		4 Pollutant Category		5 Funding Account
1 A L R I F P 0 0 6			N O		S W S F		R A D N		un:kn:ow:n
6 Year Funding Required 8 5									
7 Project Name (Bridal Ceremony) S O L A R P O N D : 2 0 7 A I S L U D G E R E M B V A L I									
8 Project Contact Name D D H O R N B A C H E R			9 Contact Telephone 3 0 3 - 9 6 6 - 7 0 0 6				10 Total Cost Estimate in \$1,000's 5 8 1 0 0 . 1 0		
11 Project Assessment									
<input checked="" type="checkbox"/> High IMI Project critical to Agency program and/or cleanup of local environment <input type="checkbox"/> Med IMI Project important to Agency program and/or cleanup of local environment <input type="checkbox"/> Low IMI Project less critical to Agency program and/or cleanup of local environment									
<input type="checkbox"/> Compliance Status <input type="checkbox"/> ESOP Does not meet established standards and compliance deadline has passed <input checked="" type="checkbox"/> ESOP Does not meet established standards and compliance deadline is in the future <input type="checkbox"/> ESOP Does not meet pending standards and compliance deadline is in the future									
<input type="checkbox"/> ESRO Meets established standards but needs replacement due to obsolescence <input type="checkbox"/> ESRE Meets established standards but needs replacement due to need for expansion <input type="checkbox"/> ESOL Meets established standard but needs to demonstrate leadership <input type="checkbox"/> OTHER Other									
13 Project Cost									
Fiscal Year		Suggested (\$1,000)		Funded (\$1,000)		14 Project Milestones Progress. All dates are month/year			
8 5		8 0 0 . 1 0		8 0 0 . 0		Design Plan Completion		Construction Work	
8 6		1 0 0 0 . 1 0		1 0 1 0 0 . 0		8 5		Start Completion	
8 7		2 0 0 0 . 1 0		2 0 0 0 . 0		Final Compliance Required		Progress Code Fiscal Year Completed	
8 8		2 0 0 0 . 1 0		2 0 0 0 . 0		8 8		4 - - -	
For DOE Only									
Program ID					Field Office				

Prose Narrative including description of legal requirement and solutions to be controlled

Solar Pond 207A is a storage pond that has received RCRA defined hazardous wastes as well as low level radioactive wastes. The combined wastes are currently defined by DOE as mixed wastes and were included in a mixed waste RCRA Part B Permit application which was submitted to the EPA. Also, the solar ponds have been identified by the EPA as a potential CERCLA site. Use of Pond 207A has been discontinued and construction of a cementation plant for sludge solidification is completed. Removal of sludge began in 1985 and will take 2 to 4 years to complete. Following completion, a technical assessment and closure plan will be developed and implemented.



Federal Agency Pollution Abatement Plan — Project Report

I. Facility Information

1 State Alpha 1 C 1 0 1	2 Agency/Bureau 8 9 0 0	3 GSA Installation 1 1 0 5 2 6	4 EPA Region 0 8	5 Country U S A
6 New Facility <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7 Name of the Installation U S D O E R I D C K T F I L A T S I P L A N T			

8 Street Address N O N E	9 City Name G O L D E N	10 ZIP Code (known) 8 0 4 0 2 - 0 4 6 4	11 Ownership F C
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II. Basic Project Information

1 Agency Project Number 1 A I R I F P 0 0 1 7	2 Various Locations N O	3 Media A	4 Pollutant Category R I A D I N	5 Funding Account u n k n o w n	6 Year Funding Required 8 8
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7 Project Name (Brief description) A M B I E N T A I R P A R T I C U L A T I S A M P L I N G S Y S T E M

8 Project Contact Name D D H O R I N B A C H E R	9 Contact Telephone 3 0 3 - 9 6 6 - 7 0 0 6	10 Total Cost Estimate (in \$1,000's) 1 8 0 0 . 0
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11 Project Assessment <input type="checkbox"/> High (H) Project critical to Agency program and/or cleanup of local environment <input checked="" type="checkbox"/> Med (M) Project important to Agency program and/or cleanup of local environment <input type="checkbox"/> Low (L) Project desirable to Agency program and/or cleanup of local environment	12 Compliance Status <input type="checkbox"/> ESOP Does not meet established standards and compliance deadline has passed <input checked="" type="checkbox"/> ESOP Does not meet established standards and compliance deadline is in the future <input type="checkbox"/> ESOP Does not meet pending standards and compliance deadline is in the future <input type="checkbox"/> ESOP Meets established standards but needs replacement due to obsolescence <input type="checkbox"/> ESOP Meets established standards but needs replacement due to need for expansion <input type="checkbox"/> ESOP Meets established standard but needs to demonstrate leadership <input type="checkbox"/> OTHER Other
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13 Project Cost			14 Project Milestones Progress. All dates are month/year		
Fiscal Year	Suggested (\$1,000)	Funded (\$1,000)	Design Plan Completion	Construction Work	
				Start	Completion
8 9	1 8 0 0 . 0	0 0	8 6	0 0 0 0	0 0 0 0
			Final Compliance Required	Progress Code	Fiscal Year Completed
			1 2	2	- - - -
			For DOE Only		
			Program ID	Field Office	

Project Narrative (including description of legal requirement and pollutants to be controlled)

The purpose of the project is replacement of an obsolete 10 year old air sampling network to assure compliance with DOE Order 5484.1 and 40CFR50-53-58 and 61 recently adopted for EPA regulation of radioactive emissions from DOE facilities.

1 Facility Name		2 Agency Bureau		3 EPA Region		4 Country	
C O		8 9 0 0		1 0 1 5 2 6		0 8 U S A	
5 New Facility <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		7 Name of the Installation U S D O E R O C K Y F L A T S P L A N T					
8 Street Address N O N E							
9 City Name G O L D E N				10 ZIP Code (known)		11 Country Code	
8 0 4 0 2 - 1 0 4 6 4				F C I			
II Basic Project Information							
1 Agency Project Number 1 A L R F P 0 0 8		2 Various Locations N O		3 Medium S F		4 Pollutant Category R A D N	
5 Funding Account u n k n o w n		6 Year Funding Required 8 5					
7 Project Name and Description R E S E R V O I R S E D I M E N T S T U D Y							
8 Project Contact Name D O D I H O R N B A C H E R		9 Contact Telephone 3 0 3 - 9 6 6 - 1 7 0 0 6		10 Total Cost Estimate (in \$1,000) 5 0			
11 Project Assessment <input type="checkbox"/> High (H) Project critical to Agency program and/or cleanup of local environment <input checked="" type="checkbox"/> Med (M) Project important to Agency program and/or cleanup of local environment <input type="checkbox"/> Low (L) Project desirable to Agency program and/or cleanup of local environment				12 Compliance Status <input type="checkbox"/> ESOP Does not meet established standards and compliance schedule has passed <input type="checkbox"/> ESOP Does not meet established standards and compliance schedule is in the future <input checked="" type="checkbox"/> ESOP Does not meet pending standards and compliance schedule is in the future <input type="checkbox"/> ESOP Meets established standards but needs replacement due to obsolescence <input type="checkbox"/> ESOP Meets established standards but needs replacement due to no longer applicable <input type="checkbox"/> ESOP Meets established standards but needs to demonstrate leadership <input type="checkbox"/> OTHER Other			
13 Project Cost				14 Project Milestones Progress All dates are month/year			
Fiscal Year		Suggested (\$1,000)		Funded (\$1,000)		Design/Plan Completion	
8 5		5 0 0		5 0 0		8 5	
						First Compliance Required	
						1 5	
						Progress Code	
						1 5	
						Fiscal Year Completed	
						8 5	
				For DOE Only			
				Program ID		Field Office	

Project Narrative (including description of legal requirement and pollutants to be controlled)

Geochemical assessments of plutonium levels in the bottom sediments of Great Western Reservoir and Standley Lake were initiated in 1984. These studies encompassed the collection, sample location surveying, processing and radiochemical analyses on 72 samples from each water body. Both of these sites have been recently identified as being potential CERCLA sites. Sampling of both reservoirs, final analytical work and data reduction was completed in 1985. This project is now closed.

1 Facility Name				
1 Site Name	2 Agency Bureau	3 GSA Installation	4 EPA Region	5 Country
C O	8 9 0 0	1 0 1 5 2 6	0 8	U S A
6 New Facility <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		7 Name of the installation US DOE ROCKY FLATS PLANT		
8 Street Address N O N E				
9 City Name G O L D E N			10 ZIP Code (known)	11 Ownership
			8 0 4 0 2 - 0 4 6 4	F C I
II Basic Project Information				
1 Agency Project Number	2 Various Locations	3 Media	4 Pollutant Category	5 Funding Account
1 A L R F P 0 0 8	N O	S F	R A D N	un kn ow n
6 Year Funding Required 8 5				
7 Project Name (Brief description) RESERVOIR SEDIMENT STUDY				
8 Project Contact Name D O H O R N B A C H E R		9 Contact Telephone 3 0 3 - 9 6 6 - 1 7 0 0 6		10 Total Cost Estimate (in \$1,000's) 1 5 0
11 Project Assessment		12 Compliance Status		
<input type="checkbox"/> High (H) Project critical to Agency program and/or cleanup of local environment <input checked="" type="checkbox"/> Med (M) Project important to Agency program and/or cleanup of local environment <input type="checkbox"/> Low (L) Project unrelated to Agency program and/or cleanup of local environment		<input type="checkbox"/> ESOP Does not meet established standards and compliance deadline <input type="checkbox"/> ESOP Does not meet established standards and compliance deadline in the future <input checked="" type="checkbox"/> ESOP Does not meet pending standards and compliance deadline in the future <input type="checkbox"/> ESRO Meets established standards but needs replacement due to obsolescence <input type="checkbox"/> ESRE Meets established standards but needs replacement due to obsolescence <input type="checkbox"/> ESOL Meets established standards but needs to demonstrate leadership <input type="checkbox"/> OTHER Other		
13 Project Cost			14 Project Milestones Progress. All dates are month/year	
15 Fiscal Year	Suggested (\$1,000)		Funded (\$1,000)	
8 5	5 0 0		5 0 0	
			Design/Plan Completion	Construction Work
			8 5	Start Completion
			8 5	8 5
			First Compliance Required	Progress Code Fiscal Year Completed
			8 5	15 8 15
			For DOE Only	
			Program ID	Field Office

Project Narrative (including description of legal requirements and pollutants to be controlled)

Geochemical assessments of plutonium levels in the bottom sediments of Great Western Reservoir and Standley Lake were initiated in 1984. These studies encompassed the collection, sample location surveying, processing and radiochemical analyses on 72 samples from each water body. Both of these sites have been recently identified as being potential CERCLA sites. Sampling of both reservoirs, final analytical work and data reduction was completed in 1985. This project is now closed.



Washington DC 20460

Federal Agency Pollution Abatement Plan — Project Report

I Facility Information

1 State Alpha 1C101	2 Agency/Bureau 8900	3 GSA Installation 1101512161	4 EPA Region 081	5 Country U S A
6 New Facility <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7 Name of the Installation USDOE ROCKY FLATS PLANT			
8 Street Address N O N E				
9 City Name COLDEN			10 ZIP Code if known 80402-0464	11 Ownership F C

II Basic Project Information

1 Agency Project Number 1A1LRIFP0091	2 Various Locations NO	3 Media W I	4 Pollutant Category P I O T I W	5 Funding Account unknown	6 Year Funding Required 1 1
7 Project Name (Brief description) SANITARY SEWER SYSTEM UPGRADE					
8 Project Contact Name DO HORNBLACHER		9 Contact Telephone 303-966-7006		10 Total Cost Estimate in \$1,000's 260.0	

11 Project Assessment <input type="checkbox"/> High (H) Project critical to Agency program and/or cleanup of local environment <input checked="" type="checkbox"/> Med (M) Project important to Agency program and/or cleanup of local environment <input type="checkbox"/> Low (L) Project desirable to Agency program and/or cleanup of local environment		12 Compliance Status <input type="checkbox"/> ESDP Does not meet established standards and compliance deadline has passed <input type="checkbox"/> ESDP Does not meet established standards and compliance deadline is in the future <input type="checkbox"/> PSDP Does not meet pending standards and compliance deadline is in the future <input checked="" type="checkbox"/> ESDP Meets established standards but needs replacement due to obsolescence <input type="checkbox"/> ESDP Meets established standards but needs replacement due to need for expansion <input type="checkbox"/> ESDP Meets established standard but needs to demonstrate leadership <input type="checkbox"/> OTHER Other	
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13 Project Cost				14 Project Milestones - Progress. All dates are month/year			
Fiscal Year	Suggested (\$1,000)	Funded (\$1,000)		Design-Plan Completion	Construction Work		
85	260.0	260.0		85	Start	Completion	
					05/85	01/86	
				Final Compliance Required	Progress Code	Fiscal Year Completed	
				-1-1-	5	-1-1-	
				For DOE Only			
				Program ID	Field Office		

Project Narrative including description of legal requirement and pollutants to be controlled:

This project is to upgrade half of the existing sanitary sewage treatment secondary process system and to replace and/or reline the collection lines. Half of the secondary system was modified previously. Infiltration in the lines is known to occur during periods of extended precipitation. The EPA has identified infiltration as a concern during NPDES permit inspections. This project is being performed as a Plant restoration job and is not subject to a compliance schedule.

1 Facility Information

I Facility Information					
1 State Abnco C I O	2 Agency Bureau 8 9 0 0	3 GSA Material on 1 0 5 2 6	4 EPA Region 0 8	5 Country U S A	
6 New Facility <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7 Name of the installation U S D O E R O C K Y F L A T S P I L A N T i i i				
8 Street Address IN O N E i : : : : : : : : : :					
9 City Name G O L D E N : : : : : : : : :			10 Zip Code known 8 0 4 0 2 - 0 4 6 4		11 Ownership . F I C I
II Basic Project Information					
12 Agency Project Number 1 . A . L . R I F P . 0 . 1 . 0 . 1		2 Various Locations N O	3 Media S : F I	4 Pollutant Category H I A Z : D	5 Funding Account un kn ow n
6 Year Funding Required . 8 : 6 :					
7 Project Name (for collection) C A N D I D A T E M I X E D W A S T E S T O R A G E T A N K S Y S T E M					
8 Project Contact Name D I H O R N B A C H E R : :		9 Contact Telephone 3 0 3 - 9 6 6 - 7 6 6 4		10 Total Cost Estimate in \$1,000's 1 2 0 0 0 . 1 0	
11 Project Assessment <input checked="" type="checkbox"/> High IM: Project fits in Agency program and/or cleanup of local environment <input type="checkbox"/> Med IM: Project important to Agency program and/or cleanup of local environment <input type="checkbox"/> Low IM: Project does not fit Agency program and/or cleanup of local environment			12 Compliance Status <input type="checkbox"/> ESOP Does not meet established standards and compliance deadline has passed <input checked="" type="checkbox"/> ESOP Does not meet established standards and compliance deadline is in the future <input type="checkbox"/> PSDP Does not meet pending standards and compliance deadline is in the future		
			<input type="checkbox"/> ESRO Meets established standards but needs replacement due to obsolescence <input type="checkbox"/> ESRE Meets established standards but needs replacement due to need for expansion <input type="checkbox"/> ESOL Meets established standard but needs to demonstrate leadership <input type="checkbox"/> OTHER Other		
13 Project Cost			14 Project Milestones Progress All dates are month/year		
Basis Year	Suggested FY 2001	Funded FY 2001	Design Plan Completion	Construction Work	
				Start	Completion
86	9 2 0 . 0	9 2 0 . 0	8 6	8 6	8 7
87	9 8 0 . 1 0	9 8 0 . 0	Final Comp and Req'd	Progress Code	Fiscal Year Completed
	:	:	0 5 8 5	1 2	- - -
	:	:	For DOE Only		
	:	:	Program ID	Field Office	
	:	:	:	:	
Project Narrative including description of legal requirement and pollutants to be controlled: This project is to construct an above ground tank system which will be used to store radioactive mixed wastes awaiting treatment. Construction will be phased over 2 years with one workable system completed within 1 year. This tank system will replace Solar Ponds 207A and 207C, an open impoundments system identified by the EPA as a potential CERCLA site. Additionally, these Ponds were submitted in the RCRA Part B Permit application for radioactive mixed wastes. These Ponds will not meet the 1984 Amendments for criteria and must be replaced by November of 1988. Cleanup and closure cannot be completed until these Ponds are replaced by the tank system.					



Federal Agency Pollution Abatement Plan — Project Report

I Facility Information

1 State Alpha C O	2 Agency/Bureau 8 9 0 0	3 GSA Installation 1 1 0 5 2 6	4 EPA Region 0 8	5 Country U S A
6 New Facility <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7 Name of the Installation U S D O E R O C K Y I F I L A I T S P I L A N T			
8 Street Address N O N E				
9 City Name G O L D E N			10 ZIP Code if known 8 0 4 0 2 - 0 4 6 4	11 Ownership F I C

II Basic Project Information

1 Agency Project Number 1 A L R F P 0 1 1	2 Various Locations N O	3 Media A	4 Pollutant Category R I A D I N	5 Funding Account u n k n o w n	6 Year Funding Required 8 7
7 Project Name (brief description) S T A C K S A M P L I N G E Q U I P M E N T					
8 Project Contact Name D D H O R N B A C H E R		9 Contact Telephone 3 0 3 - 9 6 6 - 7 0 0 6		10 Total Cost Estimate in \$1,000's 5 7 2 . 1 0	
11 Project Assessment <input type="checkbox"/> High (H) Project critical to Agency program and/or cleanup of local environment <input checked="" type="checkbox"/> Med (M) Project important to Agency program and/or cleanup of local environment <input type="checkbox"/> Low (L) Project desirable to Agency program and/or cleanup of local environment			12 Compliance Status <input checked="" type="checkbox"/> ESOP Does not meet established standards and compliance deadline has passed <input type="checkbox"/> ESOP Does not meet established standards and compliance deadline is in the future <input type="checkbox"/> ESOP Does not meet pending standards and compliance deadline is in the future <input type="checkbox"/> ESOP Meets established standards but needs replacement due to obsolescence <input type="checkbox"/> ESOP Meets established standards but needs replacement due to need for expansion <input type="checkbox"/> ESOP Meets established standard but needs to demonstrate leadership <input type="checkbox"/> OTHER Other		

13 Project Cost

Fiscal Year	Suggested (\$1,000)	Funded (\$1,000)	14 Project Milestones & Dates. All dates are month/year	
			Design/Plan Completion	Construction Work Start Completion
8 8	5 7 2 . 1 0	0 . 0	0 1 8 5	- - - - -
			Final Compliance Required	Progress Code Fiscal Year Completed
			8 8	2 - - - -
			For DOE Only	
			Program ID	Field Office

Project Narrative (including description of legal requirement and pollutants to be controlled)

The purpose of this project is to provide equipment for isokinetic sampling of air emissions from plutonium production buildings to demonstrate compliance with 40CFR61-ANSI standard. Current equipment samples at constant flow rate while exhaust flows may vary.



Federal Agency Pollution Abatement Plan — Project Report

I Facility Information

1 State Alpha 1 C 1 0 1	2 Agency/Bureau 8 9 0 0	3 GSA Installation 1 1 0 1 5 1 2 1 6	4 EPA Region 0 8 1	5 Country U S A
6 New Facility <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7 Name of the installation U S D O E R O C K L Y I L L A N I S P L A N T			
8 Street Address N O N E				
9 City Name G O L D E N			10 ZIP Code if known 8 0 4 0 2 - 0 4 6 4	
11 Ownership I F C				

II Basic Project Information

1 Agency Project Number 1 A I L I R I F I P 0 1 2	2 Various Locations N O	3 Media S W	4 Pollutant Category H I A Z I D	5 Funding Account u n k n o w n	6 Year Funding Required 8 6
7 Project Name (brief description) R C R A I M P L E M E N T A T I O N A N D I C O M P L I A N C E					

8 Project Contact Name D O H O R N B A C H E R	9 Contact Telephone 3 0 3 - 9 6 6 1 - 7 0 0 6	10 Total Cost Estimate in \$1,000's 2 1 0 0 1 0
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11 Project Assessment		12 Compliance Status	
<input checked="" type="checkbox"/> High (H) Project critical to Agency program and/or cleanup of local environment	<input checked="" type="checkbox"/> ESOP Does not meet established standards and compliance deadline has passed	<input type="checkbox"/> ESRO Meets established standards but needs replacement due to obsolescence	<input type="checkbox"/> ESRE Meets established standards but needs replacement due to need for expansion
<input type="checkbox"/> Med (M) Project important to Agency program and/or cleanup of local environment	<input type="checkbox"/> ESOP Does not meet established standards and compliance deadline is in the future	<input type="checkbox"/> ESOL Meets established standard but needs to demonstrate leadership	<input type="checkbox"/> OTHER Other
<input type="checkbox"/> Low (L) Project desirable to Agency program and/or cleanup of local environment	<input type="checkbox"/> PSOP Does not meet pending standards and compliance deadline is in the future		

13 Project Cost			14 Project Milestones Progress. All dates are month/year		
Fiscal Year	Suggested (\$1,000)	Funded (\$1,000)	Design Plan Completion	Construction Work	
				Start	Completion
8 6	2 1 0 0 1 0	2 1 0 0 0 0	8 6	8 6	8 6
			Final Compliance Required	Progress Code	Fiscal Year Completed
			8 7	2	
			For DOE Only		
			Program ID	Field Office	

Project Narrative (including description of legal requirement and pollutants to be controlled)

This project will include construction of a series of new RCRA groundwater monitoring test wells; implementation of RCRA permit requirements such as waste stream analyses, development of solar pond closure plan, health assessments etc.

This project is being developed and implemented jointly with the DOE, State and EPA as an agreement to prepare new RCRA Permit Applications in November of 1986. It includes 18 task areas.



Washington, DC 20460

Federal Agency Pollution Abatement Plan — Project Report

I Facility Information

1 State Abnro 1101	2 Agency/Bureau 8900	3 CSA Installation 1101512161	4 EPA Region 081	5 Country USA
6 New Facility <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7 Name of the Installation USDOE ROKLY FILATS PLANT			
8 Street Address NORNE				
9 City Name GOLDEN			10 ZIP Code if known 80402-0464	11 Ownership FIC

II Basic Project Information

1 Agency Project Number 1ALIRFIP0113	2 Various Locations NO	3 Media SW	4 Pollutant Category HAZID	5 Funding Account unknown	6 Year Funding Required 86
7 Project Name (Brief Description) RCRA PART B PERMIT MODIFICATIONS					
8 Project Contact Name DORNBACHER		9 Contact Telephone 303-966-7006		10 Total Cost Estimate (in \$1,000's) 140.0	
11 Project Assessment <input checked="" type="checkbox"/> High (H) Project is in Agency program and/or cleanup of local environment <input type="checkbox"/> Med (M) Project important to Agency program and/or cleanup of local environment <input type="checkbox"/> Low (L) Project is in Agency program and/or cleanup of local environment			12 Compliance Status <input checked="" type="checkbox"/> ESOP Does not meet established standards and compliance deadline has passed <input type="checkbox"/> ESOP Does not meet established standards and compliance deadline is in the future <input type="checkbox"/> ESOP Does not meet pending standards and compliance deadline is in the future <input type="checkbox"/> ESOP Meets established standards but needs replacement due to obsolescence <input type="checkbox"/> ESOP Meets established standards but needs replacement due to need for expansion <input type="checkbox"/> ESOP Meets established standard but needs to demonstrate leadership <input type="checkbox"/> OTHER Other		

13 Project Cost

14 Project Milestones Progress. All dates are month/year

Fiscal Year	Suggested (\$1,000)	Funded (\$1,000)	Design/Plan Completion	Construction Work	
				Start	Completion
86	140.0	0.0	86	-	-
			Final Compliance Required	Progress Code	Fiscal Year Completed
			88	6	86
			For DOE Only		
			Program ID	Field Office	

Project Narrative (including description of legal requirement and pollutants to be controlled)

The project is to continue the services of an outside consulting firm that assisted in the preparation of the Part B RCRA Permit Application and to fund anticipated permit modification fees.



PROJECT REPORT

I Facility Information					
1 State Abbr	2 Agency/Bureau	3 CSA Installation	4 EPA Region	5 Country	
C I O	8 9 0 0	1 0 5 2 6	0 8	U S A	
6 New Facility <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7 Name of the Installation				
	U S D O E R O C K L Y F L A T S P L A N T				
8 Street Address					
I N O N I E					
9 City Name			10 Zip Code (known)		11 Ownership
G O L D E N			8 0 4 0 2 - 0 4 6 4		F I C
II Basic Project Information					
1 Agency Project Number	2 Various Locations	3 Media	4 Pollutant Category	5 Funding Account	6 Year Funding Required
1 A L R I F P 0 1 4	N O	S F	G I W A T	u n k n o w n	8 6
7 Project Name (brief description)					
V O C G R O U N D W A T E R S I T E S T U D Y					
8 Project Contact Name		9 Contact Telephone		10 Total Cost Estimate (in \$1 000's)	
D D H O R N B A C H E R		3 0 3 - 9 6 6 - 7 0 0 6		4 5 1 0	
11 Project Assessment					
<input checked="" type="checkbox"/> High (H) Project eligible Agency program and/or cleanup of local environment					
<input type="checkbox"/> Med (M) Project important to Agency program and/or cleanup of local environment					
<input type="checkbox"/> Low (L) Project desirable to Agency program and/or cleanup of local environment					
12 Compliance Status					
<input type="checkbox"/> ESOP Does not meet established standards and compliance deadline has passed					
<input type="checkbox"/> ESOP Does not meet established standards and compliance deadline is in the future					
<input checked="" type="checkbox"/> ESOP Does not meet pending standards and compliance deadline is in the future					
<input type="checkbox"/> ESOP Meets established standards but needs replacement due to obsolescence					
<input type="checkbox"/> ESOP Meets established standards but needs replacement due to need for expansion					
<input type="checkbox"/> ESOP Meets established standard but needs to demonstrate leadership					
<input type="checkbox"/> OTHER Other					
13 Project Cost			14 Project Milestones Progress. All dates are month/year		
Fiscal Year	Suggested (\$1 000)	Funded (\$1 000)	Design/Plan Completion	Construction Work	
				Start	Completion
8 6	4 5 0	4 5 0	8 6	8 6	8 6
		0 0			
			Final Compliance Required	Progress Code	Fiscal Year Completed
			8 6	1 5	8 6
			For DOE Only		
			Program ID	Field Office	

15 Project Narrative including description of legal requirement and pollutants to be controlled:

A three-phase project for assessment of groundwater contamination, to include: a) Detect and verify presence of known VOCs; map extent of VOC-contaminated groundwater plume; identify potential and or existing CERCLA site sources of VOC contamination.

I Facility Information

1 State Abbreviation C O	2 Agency/Bureau 8 9 0 0	3 CSA Installation 11 0 5 2 6	4 EPA Region 0 8	5 Country U S A
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6 New Facility <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7 Name of the Installation U S DOE IRQC KY: F: 44 TS PLANT
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8 Street Address N O N E I

9 City Name G O L D E N	10 Zip Code (shown) 8 0 4 0 2 - 0 4 6 4	11 Ownership F C I
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II Basic Project Information

1 Agency Project Number 1 A L R I F P 0 1 5	2 Various Locations N O	3 Media A I	4 Pollutant Category R I A D N	5 Funding Account u n k n o w n	6 Year Funding Required 8 6
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7 Project Name (Brief description) L U I L U I H G 7 7 4 O R G A N I C I M M O B I L I Z A T I O N S Y S T E M

8 Project Contact Name D O D H O R N B A C H E R	9 Contact Telephone 3 0 3 - 9 6 6 - 7 0 0 6	10 Total Cost Estimate in \$1,000's 3 0 0 . 0 0
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11 Project Assessment		12 Compliance Status	
<input checked="" type="checkbox"/> High IM: Project critical to Agency program and/or cleanup of local environment	<input type="checkbox"/> ESOP Does not meet established standards and compliance deadline has passed	<input type="checkbox"/> ESOP Does not meet established standards but needs replacement due to obsolescence	<input type="checkbox"/> ESOP Does not meet established standards but needs replacement due to need for expansion
<input type="checkbox"/> Med IM: Project important to Agency program and/or cleanup of local environment	<input checked="" type="checkbox"/> ESOP Does not meet established standards and compliance deadline is in the future	<input type="checkbox"/> ESOP Meets established standard but needs to demonstrate leadership	<input type="checkbox"/> ESOP Meets established standard but needs to demonstrate leadership
<input type="checkbox"/> Low IM: Project desirable to Agency program and/or cleanup of local environment	<input type="checkbox"/> ESOP Does not meet existing standards and compliance deadline is in the future	<input type="checkbox"/> OTHER	

13 Project Cost				14 Program Milestones Progress. All costs are month costs		
Fiscal Year	Suggested FY 2001	Funded FY 2001		Design Plan Completion	Construction Work	
8 6	3 0 0 . 0 0	3 0 0 . 0 0		8 5	Start	Completion
					8 6	8 6
				Final Compliance Required	Progress Code	Fiscal Year Completed
				8 6	5	- - -
				For DOE Only		
				Program ID	Field Office	

15 Narrative including description of legal requirement and pollutants to be controlled:

This system will be used for solidification of radioactive organic mixed waste liquids. This project is required for DOE/RCRA compliance.



United States Environmental Protection Agency
Washington DC 20460

Federal Agency Pollution Abatement Plan — Project Report

I Facility Information

1. State Alpha C 0	2. Agency/Bureau 8 9 0 0	3. GSA Installation 1 0 5 2 6	4. EPA Region 0 8	5. Country U S I A	6. New Installation <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
7. Name of the Installation U I S I D I O I E I I R I O I C I K I Y I I F I L I A I T I S I I P I L I A I N I T I					
8. Street Address N I O I N I E I					
9. City Name G L O I L I D I E I N I			10. ZIP Code, if known 8 1 0 4 0 2 1 0 1 4 1 6 1 4		11. Ownership Type F C

II Basic Project Information

1. Agency Project Number 1 1 A 1 L R I F I P I O 1 1 6	2. Various Locations <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3. Media S I W	4. Pollutant Category H I A I Z I D	5. Funding Account UNKNOWN	6. Year Funding Required 8 6
7. Project Name (Brief description) E I V I A I P I O R I A I T I O R I I P R I O D U C T I W A I T I E R I I H I O L I D I I N I G I I T I A I N I K I					
8. Project Contact Name D I I D I I H I O R I N B I A C I H I E R I		9. Contact Telephone 3 1 0 3 1 4 9 1 6 1 6 1 7 1 0 1 0 6		10. Total Cost Estimate (in \$1,000's) 1 7 1 5 1 0 1 1 0	

11. Project Assessment		12. Compliance Status	
<input checked="" type="checkbox"/> High (H) Project critical to Agency program and/or cleanup of local environment	<input type="checkbox"/> ESDP Does not meet established standard and compliance deadline has passed	<input type="checkbox"/> ESRO Meets established standard but needs replacement due to obsolescence	
<input type="checkbox"/> Med (M) Project important to Agency program and/or cleanup of local environment	<input checked="" type="checkbox"/> ESDP Does not meet established standard and compliance deadline is in the future	<input type="checkbox"/> ESME Meets established standard but needs replacement due to need for expansion	
<input type="checkbox"/> Low (L) Project desirable to Agency program and/or cleanup of local environment	<input type="checkbox"/> PSDP Does not meet pending standard and compliance deadline is in the future	<input type="checkbox"/> ESDL Meets established standards but needs to demonstrate leadership	
		<input type="checkbox"/> OTHER Other	

13. Project Cost				14. Project Milestones/Progress (All dates are month/year)			
Fiscal Year	Budgeted (\$1,000)	Funded (\$1,000)		Design/Plan Completion	Construction/Work		
8 6	1 7 1 5 0 1 0	1 7 1 5 0 1 0		1 8 6	Start	Completion	
				Final Compliance Required	Progress Code	Fiscal Year Completed	
				1 8 6	2		
				For DOE Use Only			
				Program ID	Field Office		

Project Narrative (including description of legal requirements and pollutants to be controlled)

T H I T I S I P R I O I J E I C I T I I I S I F I O I R I T H I F I C I O N S T R U C T I O N I O L E I T I W L O I
I O O I O O O I G A L L O N T A N K I S T H A T W I L L B E U S E D I T O I
S T O R E T H E D I S T I L A T E P R O D U C T W A T E R F R O M A I
L I Q U I D P R O C E S S W A S T E T R E A T M E N T F A C I L I T Y I T H E S E
T A N K I S P R O V I D E C O N T R O L S F O R S A M P L I N G A N D
A N A L Y S I S B E F O R E R E C Y C L E O F D I S T I L A T E T O A
C O O L I N G T O W E R A N D S T E A M P L A N T C O N D E N S A T E T A N K
T H E D I S T I L A T E M A Y B E C O N S I D E R E D A R A D I O A C T I V E
M I X E D W A S T E M A Y B E R E G U L A T E D I N F U T U R E R I C R A
P E R M I T

02/04/86

FEDERAL FACILITIES INFORMATION SYSTEM
POLLUTION STATUS REPORT - AGENCY PLAN - REGION 08

PAGE: 118
** ACTIVE **

FACILITY: CO-890018526 USDOE ROCKY FLATS PLANT
ADDRESS: 8070 SAND HILL ROAD GOLDEN CO
PROJECT: 1ALRFP011 NAME: STADY SAMPLING EQUIPMENT
MEDIA: AIR POLLUTANT CATGY: RADN PROJECT ASSESSMENT: N
ACCOUNT: PROJECT CONTACT: DO NORMBACHER
SYSTEM DATES DESIGN COMPLETED CONSTRUCTION DATES FINAL COMPLIANCE
PREPARED/REVISED DATE START COMP REQUIRED DATE
01/84 01/84 01/85 08/88 00/88 00/88
PRE 1983 1983 1984 1985 1984 1987
BUDGETED: 0.0 0.0 0.0 0.0 0.0 572.0
FUNDED: 0.0 0.0 0.0 0.0 0.0 0.0
REVISED: 0.0 0.0 0.0 0.0 0.0 0.0

TELEPHONE: (303) 966-7006 COMPLIANCE STATUS: ESOP
EST COST: 572.0
PROGRESS: DES
FISCAL YR COMPL: 1989 1990
0.0 0.0

01/15/86
4-5-86

NARRATIVE: PROJECT WILL PROVIDE EQUIPMENT FOR ISOKINETIC
SAMPLING OF AIR EMISSIONS FROM PLUTONIUM
PRODUCTION BLDGS TO DEMONSTRATE COMPLIANCE WITH
40CFR61-ANSI STANDARD. CURRENT EQUIPMENT SAMPLES
AT CONSTANT FLOW RATE WHILE EXHAUST FLOWS MAY VARY

PROJECT: 1ALRFP015 NAME: BLDG 774 ORGANIC IMMOBILIZATION SYSTEM VARIOUS LOCATIONS:
MEDIA: AIR POLLUTANT CATGY: RADN PROJECT ASSESSMENT: N COMPLIANCE STATUS: ESOP
ACCOUNT: PROJECT CONTACT: DO NORMBACHER TELEPHONE: (303) 966-7006
SYSTEM DATES DESIGN COMPLETED CONSTRUCTION DATES FINAL COMPLIANCE
PREPARED/REVISED DATE START COMP REQUIRED DATE
01/84 01/84 08/88 08/88 00/88 00/88
PRE 1983 1983 1984 1985 1984 1987
BUDGETED: 0.0 0.0 0.0 0.0 300.0 0.0
FUNDED: 0.0 0.0 0.0 0.0 300.0 0.0
REVISED: 0.0 0.0 0.0 0.0 0.0 0.0

01/15/86
4-5-86

EST COST: 300.0
PROGRESS: Cmpl
FISCAL YR COMPL: 1989 1990
0.0 0.0

NARRATIVE: SYSTEM WILL BE USED FOR SOLIDIFICATION OF RADIO-
ACTIVE ORGANIC MIXED WASTE LIQUIDS THIS PROJECT
IS REQUIRED FOR DOE/RCRA COMPLIANCE

W

02/04/86

FEDERAL FACILITIES INFORMATION SYSTEM
POLLUTION STATUS REPORT - AGENCY PLAN - REGION 08

PAGE: 119
** ACTIVE **

FACILITY: CO-890818526

USDOE ROCKY PLATE PLANT

ADDRESS: ~~XXXXXXXXXXXXXXXXXXXX~~

GOLDEN

CO

PROJECT: 1ALRFD002

NAME: ATMOSPHERIC DISPERSION MODEL VERIFICATION

VARIOUS LOCATIONS:

MEDIA: RADIATION

POLLUTANT CATGY: RADN

PROJECT ASSESSMENT: M

COMPLIANCE STATUS: ESOL

ACCOUNT:

PROJECT CONTACT: G NORMBACHER

TELEPHONE: (303) 497-7004

510.

SYSTEM DATES

DESIGN COMPLETED

CONSTRUCTION DATES

FINAL COMPLIANCE

YEAR FUNDING

EST COST:

PREPARED/REVISED

DATE

START

COMP

REQUIRED DATE

REQUIRED

PROGRESS: CMTS

07/84 01/86

00/80

00/80

00/80

00/80

85

FISCAL YR COMPL:

BUDGETED: PRE 1983

1983

1984

1985

1986

1987

1988

1989

1990

FUNDED: 0.0

0.0

0.0

60.0

200.0

250.0

0.0

0.0

0.0

REVISED: 0.0

0.0

0.0

60.0

0.0

0.0

0.0

0.0

0.0

01/17/86

4-5-86

NARRATIVE: AN ATMOSPHERIC DISPERSION MODEL HAS BEEN DEVELOPED WITH WHICH THE ROCKY PLATE PLANT WILL EVALUATE ENVIRONMENTAL IMPACTS OF RADIOLOGICAL ATMOSPHERIC EMISSIONS. THIS PROJECT IS VALIDATING THE MODEL FOR COMPLEX TERRAIN CONDITIONS EXISTING NEAR THE P

ACTIVITY. TRACER RELEASES ARE BEING COMPARED PREDICTIONS TO DETERMINE MODEL APPLICABILITY.

32

02/14/86

FEDERAL FACILITIES INFORMATION SYSTEM
POLLUTION STATUS REPORT - AGENCY PLAN - REGION 08

PAGE: 120
** ACTIVE **

FACILITY: CO-879010326

USDOE ROCKY FLATS PLANT

ADDRESS: 2572 SAND HILL ROAD

GOLDEN

CO

NAME: CEARP - ROCKY FLATS

VARIOUS LOCATIONS:

PROJECT: ALRFP001

MEDIA: CERCLA

ACCOUNT:

SYSTEM DATES

PREPARED/REVISED

06/85 01/86

BUDGETED: 0.0
FUNDED: 0.0
REVISED:

PROJECT CONTACT: CONSTANCE L. SOOEN

PROJECT ASSESSMENT: H

COMPLIANCE STATUS: E307

DESIGN COMPLETED

DATE

00/80

CONSTRUCTION DATES

START

00/80

COMP

00/80

FINAL COMPLIANCE

REQUIRED DATE

07/89

YEAR FUNDING

REQUIRED

06

EST COST:

450.0

PROGRESS: CHTS

FISCAL YR COMPL:

1989

1990

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02/04/86

FEDERAL FACILITIES INFORMATION SYSTEM
POLLUTION STATUS REPORT - AGENCY PLAN - REGION 08PAGE. 121
BN ACTIVE 88

FACILITY: CO-890810526

USDOE ROCKY FLATS PLANT

ADDRESS: 2572 SAND HILL ROAD

GOLDEN

CO

VARIOUS LOCATIONS:

PROJECT: 1ALRFP012
MEDIA: SOLID WASTE

NAME: RCRA IMPLEMENTATION AND COMPLIANCE

POLLUTANT CATGY: HAZD

PROJECT ASSESSMENT: N

COMPLIANCE STATUS: ESOP

ACCOUNT:

PROJECT CONTACT: DO HORNBACHER

TELEPHONE: (303) 966-7006

2100 K

SYSTEM DATES

DESIGN COMPLETED

CONSTRUCTION DATES

FINAL COMPLIANCE

YEAR FUNDING

EST COST:

PROGRESS: PP

FISCAL YR COMPL:

PREPARED/REVISED

DATE

START

COMP

REQUIRED DATE

REQUIRED

86

1989

1990

01/86 01/86

00/00

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BUDGETED: PRE 1983

1983

1984

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FUNDED: 0.0

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REVISED: 0.0

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01/15/86 01/15/86

NARRATIVE: THIS PROJECT WILL INCLUDE CONSTRUCTION OF A SERIES OF NEW RCRA GROUNDWATER MONITORING TEST WELLS; IMPLEMENTATION OF RCRA PERMIT REQUIREMENTS SUCH AS WASTE STREAM ANALYSES, DEVELOPMENT OF SOLAR POND CLOSURE PLAN, HEALTH ASSESSMENTS, AND CLEANUP OF

~~SOME CONTAINING RCRA-REGULATED WASTES.~~
the project now includes 18 tasks defined by DOE, State and EPA.

PROJECT: 1ALRFP013
MEDIA: SOLID WASTE

NAME: RCRA PART B PERMIT MODIFICATIONS

POLLUTANT CATGY: HAZD

PROJECT ASSESSMENT: N

VARIOUS LOCATIONS:

COMPLIANCE STATUS: ESOP

ACCOUNT:

PROJECT CONTACT: DO HORNBACHER

TELEPHONE: (303) 966-7006

140

SYSTEM DATES

DESIGN COMPLETED

CONSTRUCTION DATES

FINAL COMPLIANCE

YEAR FUNDING

EST COST:

PROGRESS: PP

FISCAL YR COMPL:

PREPARED/REVISED

DATE

START

COMP

REQUIRED DATE

REQUIRED

86

1989

1990

01/86 01/86

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BUDGETED: PRE 1983

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FUNDED: 0.0

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REVISED: 0.0

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01/15/86 01/15/86

4-5-86

NARRATIVE: PROJECT IS TO CONTINUE THE SERVICES OF AN OUTSIDE CONSULTING FIRM THAT ASSISTED IN THE PREPARATION OF THE PART B RCRA PERMIT APPLICATION AND TO FUND ANTICIPATED PERMIT MODIFICATION FEES.

this project is now funded in number 1ALRFP 042.

CO
P

02/84/86

FEDERAL FACILITIES INFORMATION SYSTEM
POLLUTION STATUS REPORT - AGENCY PLAN - REGION: 08

PAGE: 126
** ACTIVE **

FACILITY: CO-090110526 USDOF-ERD USDOF ROCKY FLATS PLANT
ADDRESS: CO
PROJECT: ALRFFPA010 NAME: CANDIDATE MIXED WASTE STORAGE TANK SYSTEM VARIOUS LOCATIONS:
MEDIA: CERCLA POLLUTANT CATGY: RADN PROJECT ASSESSMENT: H COMPLIANCE STATUS: PSDP
ACCOUNT: PROJECT CONTACT: D HORNBACKER TELEPHONE: (303) 497-7006
SYSTEM DATES DESIGN COMPLETED CONSTRUCTION DATES FINAL COMPLIANCE YEAR FUNDING EST COST PROGRESS: DES
PREPARED/REVISED DATE START COMP REQUIRED DATE REQUIRED FISCAL YR COMPL:
07/85 12/85 00/80 04/84 10/87 08/80 85 1988 1989 1990
BUDGETED: PRE 1983 1983 1984 1985 1986 1987 1988 1989 1990
FUNDED: 0.0 0.0 0.0 90 900-0 920-0-0 9800-0-0 0.0 0.0 0.0
REVISED: 0.0 0.0 0.0 0.0 920 0 900 0 0.0 0.0 0.0

NARRATIVE: THIS PROJECT IS TO CONSTRUCT AN ABOVE GROUND TANK
SYSTEM WHICH WILL BE USED TO STORE RCRA DEFINED
HAZARDOUS WASTES AND LOW-LEVEL RADIOACTIVE WASTES
AWAITING TREATMENT.

awaiting

35

TABLE 2.1

02/04/86

FEDERAL FACILITIES INFORMATION SYSTEM
POLLUTION STATUS REPORT - AGENCY PLAN - REGION 08

PAGE: 127
** ACTIVE **

FACILITY: CD-890110526

USDOE-ERD USDOF ROCKY PLATS PLANT

CO
VARIOUS LOCATIONS:

PROJECT: 1ALHFP-809

NAME: SANITARY SEWER SYSTEM UPGRADE

PROJECT ASSESSMENT:

COMPLIANCE STATUS: ESRO

MEDIA: WATER

POLLUTANT CATEY: POTM

TELEPHONE: (303) 497-7006

ACCOUNT:

PROJECT CONTACT: D. HORNBACHER

SYSTEM DATES

DESIGN COMPLETED

CONSTRUCTION DATES

FINAL COMPLIANCE

YEAR FUNDING

EST COST:

PREPARED/REVISED

DATE

START

COMP

REQUIRED DATE

REQUIRED

PROGRESS: 0.0

FISCAL YR COMPL:

04/85

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09/80

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BUDGETED:

PRE 1983

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FUNDED:

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REVISED:

NARRATIVE: THIS PROJ IS TO UPGRADE HALF THE EXISTING SANITARY
SEWAGE TREATMENT SECONDARY PROCESS SYSTEM & TO RE-
PLACE /OR RELINE THE COLLECTION LINES HALF THE SE-
CONDARY SYSTEM WAS MODIFIED PREVIOUSLY. INFILTRATION
IN LINES IS KNOWN TO OCCUR DURING PERIODS OF EXT

PERCIP. EPA HAS IDENTIFIED INFILTRATION AS A CON-
CERN DURING NPDES INSPECT. THIS PROJ IS BEING PERF
ORMED AS A PLANT RESTORATION JOB AND IS NOT SUB-
JECT TO A COMPLIANCE SCHEDULE

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